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# PATENT ASSIGNMENT TO CORPORATION WORLDWIDE

WHEREAS,

1. Pentti Nieminen residing at Melkonkatu 7 A 23, FIN-00210 Helsinki and a citizen of Finland;
2. Marko Laitinen residing at Kaarenmäenkuja 1 D 23, FIN-01610 Vantaa and a citizen of Finland;

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hereafter referred to as "THE UNDERSIGNED", have made an invention entitled

DIRECT CURRENT CONVERTER WITH INTEGRATED TRANSFORMER WINDINGS AND OUTPUT VOLTAGE FILTERING COILS ON THE SAME MAGNETIC CORE

filed on 13 November 2001 application number 10/010,808

AND WHEREAS, Nokia Corporation, hereafter referred to as ASSIGNEE, a corporation organized under the laws of Finland and whose place of business and business address is Keilalahdentie 4, FIN-02150 Espoo, Finland, is desirous of acquiring the entire right, title and interest in the same;

NOW, THEREFOR, in consideration of the sum of One Dollar, the receipt whereof is acknowledged, and other good and valuable consideration, THE UNDERSIGNED hereby sell, assign and transfer unto ASSIGNEE the full and exclusive right to the said invention in the United States and the entire right, title and interest in and to all divisionals, continuations, continuations in part, reissues, reexaminations or renewals thereof, all Letters Patent applications which have been or shall be filed in any foreign countries for Letters Patent on the said invention including an assignment of all rights under the provision of international conventions and all Letters Patent of foreign countries which may be granted therefrom; the UNDERSIGNED hereby authorize the Commissioner of Patents to issue any and all United States Letters Patent for the aforesaid invention to ASSIGNEE of the entire right, title and interest in and to the same, for the use of the ASSIGNEE, its successors and assigns.

THE UNDERSIGNED, hereby agree that THE UNDERSIGNED, their executors and legal representatives will make, execute and deliver (without charge but at the expense of the ASSIGNEE) any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said ASSIGNEE, its successors and representatives all facts known to THE UNDERSIGNED relating to said invention and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable to vest the ASSIGNEE, its successors or assigns the entire right, title and interest in and to the said invention, applications, Letters Patent, rights, titles and benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

THE UNDERSIGNED represent and agree with said Assignee its successors and assignees, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by THE UNDERSIGNED, and that full right to convey the same as herein expressed is possessed by THE UNDERSIGNED.

IN TESTIMONY WHEREOF, THE UNDERSIGNED have hereunto set their hand on the dates indicated below.

*Pentti Nieminen*

Pentti Nieminen

15.11.2001

Date

*Marko Laitinen*

Marko Laitinen

15.11.2001

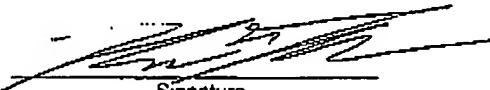
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Form PTO-1595 RECORDATION FORM COVER SHEET PATENTS ONLY		U.S. Department of Commerce Patents & Trademark Office	
		Attorney Docket No. 60279.00048 Date: October 28, 2003	
<b>MAILSTOP ASSIGNMENT</b>			
To the Commissioner of Patents Please record the attached original documents or copy thereof		COPY	
<b>1. Name of conveying party(ies)</b>  Pentti NIEMINEN and Marko LAITINEN Additional name(s) of conveying party(ies) attached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies):</b>  Name: Nokia Corporation  Address: Keilalahdentie 4 FIN-02150 Espoo FINLAND  Additional name(s) & address(es) attached?  <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of conveyance:</b>  <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____  Execution Date: November 15, 2001		<b>4. Application number(s) or patent number(s):</b> If this document is being filed together with a new application, the execution date of the application is:  A. Patent Application No.(s) 10/010,808  B. Patent No.(s)  Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b>  Name: Squire Sanders & Dempsey L.L.P.  Street Address: 8000 Towers Crescent Drive, 14 <sup>th</sup> Floor  Tysons Corner, Virginia 22182-2700		<b>6. Total number of applications and patents involved:</b> <u>One</u>  <b>7. Total fee (37 CFR 3.41).....</b> \$ 40.00  <input checked="" type="checkbox"/> Included in attached Check No. <u>010618</u>  <input checked="" type="checkbox"/> Any additional fees are authorized to be charged to deposit account  <b>8. Counsel's Deposit account number: 60-2222</b> (Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
<b>9. Statement and signature.</b> To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  <div style="display: flex; justify-content: space-between; align-items: flex-end;"><div style="width: 30%;"><u>Kevin F. Turner</u> Name of Person Signing Reg. No. 43,437</div><div style="width: 30%; text-align: center;"> _____ Signature</div><div style="width: 30%; text-align: right;"><u>October 28, 2003</u> Date</div></div> <div style="text-align: center; margin-top: 10px;">Total number of pages including cover sheet, attachments, and document 2</div>			